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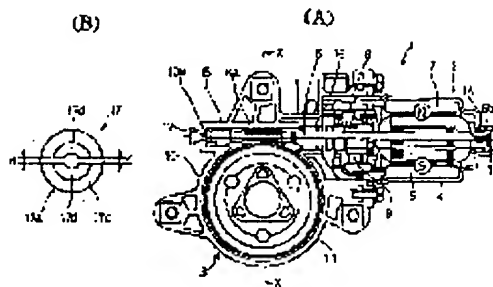
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(54) GEARED MOTOR

(57)Abstract:

PROBLEM TO BE SOLVED: To eliminate the unstable element of brake force by fixing an endless spacer, as a locking member, to the inner wall of casing and providing a protrusion for generating a brake force on the surface abutting the end face of motor shaft.

SOLUTION: An endless spacer 17 is provided, on the pressure abutting surface 17c, with a protrusion 17d for determining a brake force. The protrusion 17d has arcuate shape surrounding the axis of a motor shaft 6 and a plurality of protrusion 17d are juxtaposed in the circumferential direction at a predetermined interval. At the time of applying grease to the pressure abutting surface 17c of endless spacer 17 in order to stabilize the abrasion of protrusion 17d, the grease can flow out through the gap between protrusions 17d when it is compressed or expanded due to abrasion of the protrusion 17d or frictional heat. Consequently, abrupt drop of brake force due to compression or expansion of grease can be avoided surely when the grease is enclosed in the protrusion 17d and a stabilized brake force can be generated constantly regardless of the external force.



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(54) 【発明の名称】 減速機構付モータ

(57) 【要約】

【目的】 摩擦熱による膨張を抑制して、外力に対して安定した制動力を発生させてパワーウィンド装置の防犯性等を向上させる。

【構成】 モータ軸6の一端面や減速ケーシング10の内壁に、窓ガラスの押下げ力を受けて制動力を発生させるエンドスペーサ17を設けると共に、該エンドスペーサ17の押圧接当面17cに、前記制動力を決定する凸部17dを形成し、該凸部17dをモータ軸側に摺接させた減速機構付モータ。

